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DIV. OF OIL, GAS & MINING

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3. **Location and Operations maps** must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.
 - a. The **general location map** must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.
 - b. The **operations map** (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:
 - i. The area to be disturbed;
 - ii. The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and
 - iii. Any adjacent previous disturbance for which the operator is not responsible.(Contact the Division for a list of consultants and land surveyors for mapping assistance.)
4. The proposed (5 acre or less) disturbed area (including access/haul roads) should be marked ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. **OPERATION PLAN** (Rule R647-3-106)

1. **Type of mining:** Surface ☒ Underground ☐
2. **Mineral(s) to be mined:** gravel - Rock
3. **Amount of material to be extracted, moved, or proposed to be moved:** 1 million Yards
4. Will any **water, liquid chemicals, reagents, or other solutions** be used, produced or discharged as part of the mining or milling process? Yes ☐ No ☒ If yes, please describe (add extra pages if needed): _____
5. Provide a brief **description of the proposed mining operation**, and onsite processing facilities (add extra pages if necessary). Operation will consist of drilling, blasting, excavating, hauling raw material from the east promotional pit to 1 reinforce solonchons and dikes on GSI.
6. ☐ **New Road(s):** Length _____ (ft), Width _____ (ft)
7. ☐ **Improved Road(s):** Describe improvements that need to be made to existing roads to access the site, including the Length _____ (ft) and Width _____ (ft) of new disturbances.
There will not be any disturbance of roads. Existing access roads will be maintained by conventional & traditional methods. Road grading, graveling, and de-dusting will allow efficient travel.
8. Total project surface **acreage to be disturbed:** 10 (acres) PLEASE SPECIFY EXACT ACREAGE (this will be used to determine surety bond amount - see #VI).
9. Proposed **startup date** (month, year): Sept 2010
10. Proposed **completion**, if known (month, year): Sept. 2015